Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060121\
Data File : BN014814.D
Acq On : 01 Jun 2021 15:17
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Jun 01 15:59:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 01 14:44:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.708	152	592	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2040	0.40	ng	#	0.00
13) Acenaphthene-d10	14.346	164	1465	0.40	ng		0.00
19) Phenanthrene-d10	17.104	188	3444	0.40	ng		0.00
29) Chrysene-d12	21.303	240	4692	0.40	ng		0.00
35) Perylene-d12	23.568	264	4302	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.308	112	2336	1.47	ng		0.00
5) Phenol-d6	6.887	99	3212	1.48	ng		0.00
8) Nitrobenzene-d5	8.857	82	2853	1.54	ng		0.00
11) 2-Methylnaphthalene-d10	12.088	152	6261	1.52	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	1274	1.51	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	9084	1.69	ng		0.00
27) Fluoranthene-d10	19.144	212	20002	1.46	ng		0.00
31) Terphenyl-d14	19.749	244	18591	1.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	1229	1.78	ng	#	94
3) n-Nitrosodimethylamine	3.625	42	366	1.69	ng	#	9
6) bis(2-Chloroethyl)ether	7.136	93	2755	1.51	ng		98
9) Naphthalene	10.543	128	9267	1.58	ng	#	90
10) Hexachlorobutadiene	10.834	225	2508	1.63	ng	#	99
12) 2-Methylnaphthalene	12.160	142	6674	1.55	ng		97
16) Acenaphthylene	14.067	152	9401	1.60	ng		98
17) Acenaphthene	14.409	154	6625	1.54	ng		99
18) Fluorene	15.399	166	9318	1.54	ng		99
20) 4,6-Dinitro-2-methylph...	15.488	198	745	2.04	ng	#	33
21) 4-Bromophenyl-phenylether	16.301	248	3889	1.64	ng		95
22) Hexachlorobenzene	16.410	284	4366	1.69	ng		100
23) Atrazine	16.568	200	2235	1.46	ng		93
24) Pentachlorophenol	16.763	266	1057	1.90	ng	#	86
25) Phenanthrene	17.140	178	15791	1.53	ng		99
26) Anthracene	17.238	178	13462	1.54	ng		97
28) Fluoranthene	19.173	202	21975	1.52	ng		99
30) Pyrene	19.536	202	21958	1.63	ng		99
32) Benzo(a)anthracene	21.292	228	22145	1.55	ng		97
33) Chrysene	21.345	228	26292	1.67	ng		98
34) Bis(2-ethylhexyl)phtha...	21.229	149	5524	1.36	ng		97
36) Indeno(1,2,3-cd)pyrene	25.837	276	30359	1.71	ng		100
37) Benzo(b)fluoranthene	22.883	252	26949	1.71	ng	#	93
38) Benzo(k)fluoranthene	22.928	252	28439	1.71	ng	#	91
39) Benzo(a)pyrene	23.465	252	23145	1.65	ng	#	87
40) Dibenzo(a,h)anthracene	25.854	278	25613	1.74	ng		93
41) Benzo(g,h,i)perylene	26.529	276	27449	1.73	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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